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I claim:

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SUBPAT 7  
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1. Method for voice recognition,

in which spoken language is recognized using a voice recognition system, whereby

a) the voice recognition system runs on a computer;

b) a performance index of the computer is determined by a program for computer performance assessment;

c) an input quantity for the voice recognition system is automatically specified using the performance index;

d) the accuracy of the voice recognition system is automatically adjusted to the obtained computing power of the computer using this input quantity.

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2. Method as claimed in claim 1,

in which the values for the system parameters of the voice recognition system are determined in that the values are computed from the input quantity in accordance with a mapping specification.

3. Method as claimed in claim 2,

in which the mapping specification is converted using a table.

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4. Method as claimed in one of the preceding claims,

in which the setting process is executed during the operation of the voice recognition system.

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5. Method as claimed in one of the preceding claims,

in which the voice recognition system comprises at least one of the following system parameters:

a) pruning threshold;

b) histogram pruning;

c) acoustic look-ahead;

d) language model look-ahead;

e) threshold for selecting distance parameters that are to be computed.

6. Method as claimed in claim 5,

in which at least one of the system parameters is specified using the input quantity.

7. Method as claimed in claim 6,

in which the system parameters are weighted with respect to their influence on a respective target quantity.

10 8. Method as claimed in claim 7,

in which a target quantity is at least one of the following quantities:

a) accuracy of the voice recognition system;

b) speed of the voice recognition system.

15 9. Method as claimed in claim 7 or 8,

in which the system parameters are weighted equally.

10. Method as claimed in claim 7 or 8,

20 in which the system parameters are weighted according to a prescribed weighting table.

11. Device for voice recognition,

a) in which a voice recognition system is provided,

b) in which means are provided for adjusting an accuracy of the voice recognition

25 system, said means being so arranged that system parameters of the voice recognition system are adjustable, said system parameters being computable using an input quantity.